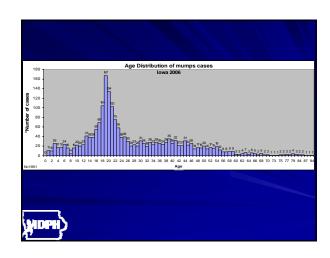




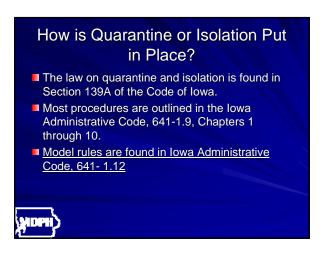


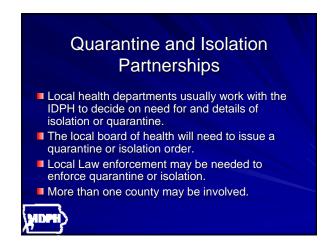
Number of confirmed cases	1643
Number of probable cases	315
Total	1958
Number of completed follow-up reports that are cases	1798
Median age at onset	22
% cases currently enrolled in college	25%*
0 MMR	7% (123/1798)
1 MMR	14% (245/1798)
≥ 2 MMR	49% (884/1798)
Unknown	30% (546/1798)
% with any history of MMR	63%
Average duration of symptoms	4 days
Epi-linked	13% (255/1957†)

Clinical Profile		
Symptom distribution	% Affected	
Parotitis	69% (1231/1798	
Fever	35% (627/1798	
Sub/max swelling	49% (884/1798	
Sore throat	52% (940/1798	
Headache	34% (612/1798	
Cough	14% (247/1798	
Orchitis	8% (42/585‡	
Encephalitis	0.002% (4/1798	



Iowa Public Health System Very decentralized; 99 county boards of health − 99 counties and 2 city health departments Each county has ability to issue isolate and/or quarantine orders − Adopted ordinances within the past three years



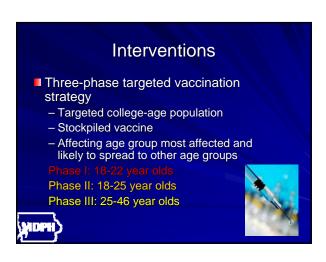


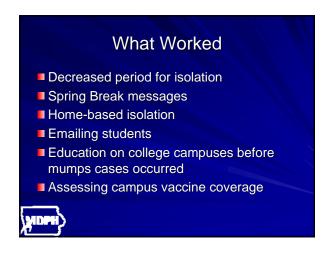


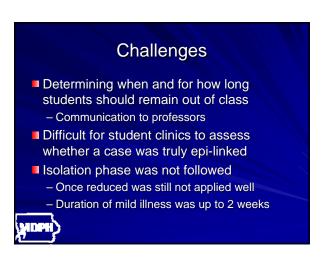












Lessons Learned Isolation is key if used early in the epidemic Further studies are needed to determine the transmissibility of mumps virus Voluntary quarantine is not feasible for epidemic situations with mild disease College-age population presents unique challenge for disease prevention

